

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2006/303319

## A. CLASSIFICATION OF SUBJECT MATTER

H04S5/02(2006.01), H04R1/40(2006.01), H04R3/00(2006.01), H04R3/12  
(2006.01), H04R5/02(2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04S5/02(2006.01), H04R1/40(2006.01), H04R3/00(2006.01), H04R3/12  
(2006.01), H04R5/02(2006.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

|                           |           |                            |           |
|---------------------------|-----------|----------------------------|-----------|
| Jitsuyo Shinan Koho       | 1922-1996 | Jitsuyo Shinan Toroku Koho | 1996-2006 |
| Kokai Jitsuyo Shinan Koho | 1971-2006 | Toroku Jitsuyo Shinan Koho | 1994-2006 |

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|-----------|--|-----------------------|
| X         | JP 2004-531125 A (1... LTD.),  | 1                     |
| Y         | 07 October, 2004 (07.10.04),<br>Par. Nos. [0002], [0049], [0084]<br>& WO 2002/078388 A2 & WO 2003/059505 A2<br>& GB 2373956 A & GB 2398959 A<br>& US 2004/0151325 A1 & EP 1402755 A2<br>& CN 1605225 A | 2                     |
| Y         | WO 2003/071827 A2 (1... LTD.),<br>28 March, 2003 (28.03.03),<br>Figs. 2, 3<br>& JP 2005-518736 A & US 2005/0089182 A1<br>& GB 203895 D & EP 1477043 A2   | 2                     |

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
21 April, 2006 (21.04.06)

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16 May, 2006 (16.05.06)

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PCT/JP2006/303319

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                                   | Relevant to claim No. |
|-----------|--|-----------------------|
| Y         | JP 2004-350173 A (Nippon Hoso Kyokai),<br>09 December, 2004 (09.12.04),<br>Par. No. [0012]; Fig. 5<br>(Family: none) | 2                     |
| A         | JP 2004-336530 A (Yamaha Corp.),<br>25 November, 2004 (25.11.04),<br>All pages; all drawings<br>& WO 2004/100603 A1  | 1,2                   |
| A         | JP 2004-363695 A (Yamaha Corp.),<br>24 December, 2004 (24.12.04),<br>All pages; all drawings<br>& WO 2004/107811 A1  | 1,2                   |
| A         | JP 2004-363697 A (Yamaha Corp.),<br>24 December, 2004 (24.12.04),<br>All pages; all drawings<br>& WO 2004/107807 A1  | 1,2                   |
| A         | JP 2005-12765 A (Yamaha Corp.),<br>13 January, 2005 (13.01.05),<br>All pages; all drawings<br>(Family: none)         | 1,2                   |